| Index of Claims | |
|-----------------|--|
| | |

Application No.

10/014,285 Examiner

Minh Trinh

Applicant(s)

MATZ ET AL.

Art Unit

3729

| | √ | Rejected |
|---|----------|----------|
| - | = | Allowed |

(Through numeral) Cancelled ÷ Restricted

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| o | Objected |

| | | Ш | | | | ! | | ì | i | |
|----------|----------------------------------|----------|----|--------------------------------------------------|----------|----------|----------|----|--------------|-----------------------------------------|
| | | 1 | | | | \ | | | | _ |
| Cla | | , | | | ᆤ | ate | : | | | |
| _ | a | 4 3 3 | | | | | l | | - 1 | |
| Final | Original | 12 | | | | | | | | |
| II. | Ö | 2 | | l | 1 | l | - | l | ļ | |
| | | 04 | | - | | | | | _ | _ |
| | 1 2 3 4 5 6 | ✓ | | _ | 4 | _ | | | - | |
| | _2_ | Ш | | | _ | | _ | | \Box | _ |
| | _3_ | 11_ | | _ | _ | | | | _ | _ |
| | 4 | Ш | | _ | | _ | | | | |
| | 5 | Ш | | | _ | _ | _ | | | |
| | 6 | Ш | | _ | | | | | \Box | [|
| | | 11 | | _ | | | _ | | | _ |
| | 8 | Ц. | | | | _ | | | | _ |
| | 9 | Ш | | | | | | | Щ | |
| | 10 | Ш | | | , | | | | | |
| | 11 | L | | | | | | | Ш | |
| | 12 | 1 | Ш | | | | | _ | | Щ |
| | 13 | | | | | Ш | | | | Ш |
| | 14 | V | L | | | Ш | | | | Ш |
| | 11 12 13 14 15 16 | | | | | | | | $oxed{oxed}$ | |
| | 16 | | | | | | | | | |
| | 17 | | | L | | <u> </u> | | | | |
| | 18 19 20 | L | | | | | | | | |
| | 19 | L | | | | | | | | |
| | 20 | | | | | | | | | |
| | 21 | | | | | | | | | |
| | 22 | | | | | | | | | |
| | 22 23 24 25 | | | | | | | | | |
| | 24 | | | | | | | | | |
| | 25 | | | | | | | | | |
| | 26 | | | | | | | | | |
| | 27 | | | | | | | | | |
| | 28 | | T- | | | | | | | |
| | 29 | T | | | | | | | | \Box |
| | 30 | | | | | | | | | |
| | 31 | | | | | | | | | |
| | 32 | | Т | Π | Г | ľ | | | | |
| | 33 | | T | Г | | | Π | | | |
| | 34 | T | | | | | 1 | | Γ | |
| | 35 | T | | | | | | Г | 1 | П |
| | 36 | | | | | | | | Ľ | |
| | 37 | T | 1 | Γ | | | | | | |
| | 38 | 1 | | 1 | | | Г | Γ | | П |
| - | 39 | 1 | Π | | | | Γ | | | П |
| | 40 | T | T | 1 | | | Γ | Г | 1 | П |
| | 41 | 1 | T | 1 | | 1 | | | 1 | \Box |
| | 42 | + | T | <u> </u> | Т | | T | | 1 | П |
| | 43 | + | 1 | | | | 1 | Т | T | \Box |
| | 44 | + | | | Г | | T | T | T | |
| | 45 | + | T | Т | T | T | | 1 | 1 | |
| | 46 | - | T | 1 | T | 1 | Т | | † | П |
| | 47 | + | + | T | <u> </u> | T | † | T | T | |
| | 48 | +- | T | | - | \vdash | 1- | † | \top | П |
| | 49 | T | 十 | | \vdash | 1 | t | † | \top | |
| | 50 | + | + | t | \vdash | 1 | 1- | 1 | + | 1 |
| <u> </u> | 1 30 | 1 | | | | 1 | 1_ | ⊥- | _ | لــــــــــــــــــــــــــــــــــــــ |

| Cla | aim | | | | | Date | ? | _ | | |
|--------------------------------------------------|----------------|----------|--------------|----------|----------|----------------|--------------------------------------------------|--------------|--------------|--------------|
| | | | | | | | | | | |
| a | Original | | | | | | | | | |
| Final | ği | | | | | | | | | |
| | Õ | | | | | | | | | |
| | E1 | \dashv | | | | - | - | | \vdash | |
| | 51 52 53 | \dashv | - | _ | _ | - | | ├ | Н | |
| | 52 | | | | | | \vdash | | \vdash | \dashv |
| | 53 | | _ | | _ | - | | _ | \vdash | _ |
| | 54 55 | _ | | _ | | <u> </u> | - | <u> </u> | | |
| | 55 | | | | _ | <u> </u> | | <u> </u> | Н | |
| | 56 | | | | _ | <u> </u> | L | L | | |
| | 57 | | | | | <u> </u> | ļ | | | |
| | 58 | | | _ | | | | _ | _ | |
| L | 59 | | | | | | <u>_</u> | | | |
| | 60 | | | | | | | | | |
| | 61 | | | l | | | | | | |
| | 61 62 | | | | | | | | | |
| | 63 | | | | <u> </u> | | | | | |
| | 64 | | | | | | | | | |
| | 65 | | | | Ι | | | | T | |
| | 66 | | | \vdash | \Box | | | 1 | | l |
| | 66 67 | <u> </u> | \vdash | ļ | 一 | t | | | Т | \Box |
| | 68 | \vdash | \vdash | 1 | \vdash | | | T | † | |
| | 69 | - | ┢ | | - | | H | ╁─ | - | - |
| | 70 | \vdash | | \vdash | | ┢ | ╁─ | | | - |
| | 70 | | - | ┢ | - | - | ┢ | - | | - |
| | 71 72 73 | | _ | - | | | \vdash | | <u> </u> | - |
| | 72 | | | | | 1— | ┝┈ | | ┢ | - |
| <u> </u> | /3 | | | | ⊢ | — | ⊢ | - | \vdash | |
| L | 74 75 | <u> </u> | ┞. | <u> </u> | ļ | 1 | <u> </u> | ⊢ | ├ | <u> </u> |
| <u></u> | 75 | | ļ | <u> </u> | <u> </u> | \vdash | | _ | ļ | <u> </u> |
| L | 76 77 | | _ | <u> </u> | ļ | <u> </u> | ļ | <u> </u> | ļ | |
| L | 77 | | | ļ | <u> </u> | _ | ļ | | | |
| | 78 79 | | | | | _ | <u> </u> | _ | L | <u> </u> |
| | 79 | | | Ĺ., | | | | | | L. |
| | 80 | | | | | | <u> </u> | | | |
| | 81 | | | | | | | | | |
| | 82 | | | | Π | Γ | | | | |
| | 82 83 | | | | | | | | | |
| | 84 | 1 | П | | 1 | | | | | Γ |
| | 84 85 | T | T | Π | 1 | | Т | | | |
| | 86 | | 1 | | | | | 1 | T | |
| | 87 | 1 | \top | † | İ | 1 | 1 | 1 | 1 | 1 |
| | 88 | t | 1- | T | T | 1 | T | † | T | 1 |
| <u> </u> | 89 | | 1- | + | T | t^- | † | t^- | T | T |
| | 90 | + | \vdash | 1 | + | 1- | +- | T | + | |
| - | 91 | +- | + | - | + | + | +- | + | + | +- |
| | | + | +- | +- | +- | + | + | +- | + | + |
| - | 92 | + | + | ╁ | + | 十 | + | +- | + | \vdash |
| <u> </u> | 93 | +- | + | +- | +- | + | +- | + | + | + |
| <u> </u> | 94 | +- | - | ┼ | + | \vdash | + | + | + | ┼ |
| | 95 | - | 1 | \vdash | \vdash | +- | + | +- | +- | +- |
| | 96 | \vdash | +- | ₩ | ┼ | +- | +- | ╄- | + | \vdash |
| L | 97 | | 1_ | 1 | 1- | 1- | + | +- | +- | |
| L_ | 98 | 1 | 1 | 4_ | \perp | ↓ | 1- | - | 4 | ļ |
| L_ | 99 | 1 | \perp | 1_ | \perp | 1_ | 1_ | 1 | 4— | _ |
| | 100 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 |

| | | | | | | į | | | | | | | L | L | | | | | | | | |
|----------|----------|-------------|---|--------------------------------------------------|----------|----------------|--------------|----------|----------|------------|-----|----------|------------|------------|--------------|----------|-----|----------------------------------------------|------------|--------------|----------------|----------|
| Cla | im | | | | Г | Date | | | | | Γ | Cla | aim | | | | | ate | • | | | \neg |
| Old | | П | | | | | | _ | | - | ŀ | | | | Т | Т | T | Ī | П | | Т | \neg |
| <u> </u> | Original | | | | | | - | | - | | - 1 | <u> </u> | Original | | | | - | ı | Ì | - | 1 | |
| Final | rigi | | | - | ı | | | | ĺ | | | Final | rig | | | - | | | | İ | | |
| _ | 0 | | | | | | | | | 1 | | | O | - | 1 | - 1 | - [| - | - | | - 1 | ļ |
| | 51 | \neg | | | | | | | | | Ī | | 101 | | | Т | | | | | | |
| | 52 | \neg | | | | | | | | | ſ | | 102 | | | | | | | | | |
| | 53 | | | | | | | | | | | | 103 | | | | | | | | \perp | |
| | 54 | | _ | | | | | | | | | | 104 | | | | | | | | | |
| | 55 | | | | | | | | | | | | 105 | | | | | | | | _ | |
| | 56 | | | | | | | | | | | | 106 | | | | | | | | _ | _ |
| | 57 | | | | | | | | | | | | 107 | | _ | | | | | | _ | _ |
| | 58 | | | | | | | | | | | | 108 | | 4 | 4 | | | _ | | _ | |
| | 59 | | | | | | | | | | Ļ | | 109 | \perp | _ | _ | | | _ | | _ | |
| | 60 | | | | | | | | | | | | 110 | | | _ | | _ | _ | | _ | _ |
| | 61 | | | | | | $oxed{oxed}$ | | | | | | 111 | \perp | _ | 4 | | _ | | | \dashv | _ |
| | 62 | Ш | _ | _ | L | Ш | ļ | | | _ | | | 112 | | \dashv | _ | | \dashv | _ | | \dashv | 긕 |
| | 63 | | | | L | Ш | _ | | | _ | | | 113 | \sqcup | | _ | | | | | \dashv | 긕 |
| | 64 | Ш | | _ | L | <u> </u> | | \vdash | ļ | L | | | 114 | \vdash | - | - | | | | | \dashv | |
| | 65 | | _ | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | _ | | | | 115 | \vdash | \dashv | \dashv | _ | | _ | \vdash | | |
| | 66 | | | | L | ļ | | _ | <u> </u> | _ | | | 116 | H | | \dashv | | | | | \dashv | |
| | 67 | | _ | — | <u> </u> | | <u> </u> | <u> </u> | ļ | _ | | | 117 | \vdash | | - | | | | \vdash | \vdash | - |
| | 68 | | _ | ļ | _ | <u> </u> | <u>.</u> | <u> </u> | <u> </u> | - | | | 118 | \vdash | - | \dashv | | | | | \vdash | \dashv |
| | 69 | <u> </u> | | - | | ┢ | - | _ | | - | } } | | 119 120 | \vdash | | \dashv | | | | | \vdash | \dashv |
| | 70 | | | | - | ├ | ⊬ | | | - | | | 121 | | | \dashv | | | | | ┝─┤ | \dashv |
| | 71 | | _ | ├ | - | | | | | - | | | 122 | - | - | - | | | | | | \dashv |
| | 72 73 | | H | | - | ├— | | ├ | _ | ├ | 1 } | | 123 | - | -1 | | | | | | H | - |
| _ | 74 | | | | ┢ | — | \vdash | - | | - | | | 124 | | \dashv | | | \vdash | - | \vdash | \Box | |
| | 75 | ├ | - | \vdash | ├ | \vdash | ├─ | \vdash | ├ | \vdash | 1 | | 125 | \vdash | - | \neg | | | | | П | |
| | 76 | - | | \vdash | - | \vdash | | | - | | 1 | | 126 | Н | _ | | | | - | | П | |
| | 77 | \vdash | - | \vdash | ├ | \vdash | | | | | 1 1 | | 127 | | | | | \vdash | - | | П | |
| | 78 | \vdash | - | ├ | + | \vdash | | | | | 1 1 | _ | 128 | | | _ | | | | | | П |
| | 79 | \vdash | - | | - | \vdash | - | \vdash | | ╁ | 1 | | 129 | | \neg | | | - | _ | | | \Box |
| | 80 | \vdash | - | \vdash | Ħ | ╁── | | \vdash | <u> </u> | \vdash | 1 | | 130 | П | | | | | | | | |
| | 81 | ${\dagger}$ | - | \vdash | † · | † | | t | - | \vdash | 1 1 | | 131 | | | | | Ī | | 1 | | |
| | 82 | \vdash | - | t | 1 | T | T | T | T | | 1 | | 132 | П | | | | | | | | |
| - | 83 | 1 | | | T | T | \vdash | 1 | | | 1 | | 133 | П | | | | | | | | |
| | 84 | 1 | Г | T | 1 | T | 1 | 1 | Г | Γ | 1 | | 134 | | | | | | | | | |
| | 85 | 1 | T | | 1- | | Т | | | | 1 | | 135 | | | | | | | 匚 | | |
| | 86 | | Γ | Π | | | L | | | |] | | 136 | | | | | | | | | |
| | 87 | | Γ | | | | | Ľ | | | | | 137 | | | | ļ | | | | | |
| | 88 | T | Γ | | | T | | | | | | | 138 | | | | | | \Box | | | |
| | 89 | | | Γ | Ι | | | | | | | | 139 | | | | | L | L | <u> </u> | | |
| | 90 | | | 1. | | I | | | L | Γ | | | 140 | | | | | Ĺ | L | ┕ | _ | |
| | 91 | | Γ | | | $oxed{\Box}$ | | | | L | | | 141 | | | | | L. | | <u> </u> | \perp | _ |
| _ | 92 | Ι | | | | \Box | | | | | 1 | | 142 | lacksquare | $oxed{\Box}$ | | | L | \vdash | <u> </u> | $oxed{oxed}$ | |
| | 93 | | | | | | | | | | 1 | | 143 | \perp | | | L | $oxed{oldsymbol{oldsymbol{oldsymbol{eta}}}}$ | \perp | <u> </u> | <u> </u> | <u> </u> |
| | 94 | | | | | | | | L | L | | L | 144 | | | | L | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| | 95 | | | | | | | | L | L | | L | 145 | _ | | | L | <u> </u> | lacksquare | <u> </u> | <u> </u> | <u> </u> |
| | 96 | | | | | | | L | L | L | 1 | | 146 | 1 | <u> </u> | | L | _ | <u> </u> | _ | | <u> </u> |
| | 97 | | | | | | L | 1_ | 1_ | <u> </u> _ | 1 | | 147 | \perp | | | _ | <u> </u> | lacksquare | | <u> </u> | <u> </u> |
| | 98 | | | ļ_ | L | <u> </u> | <u> </u> | <u> </u> | 1 | ļ., | 1 | <u> </u> | 148 | ↓_ | ļ | | ļ | 1 | ⊢ | | - | - |
| | 99 | ļ | L | | L | - | 1_ | 1 | 1_ | 1_ | 1 | | 149 | _ | _ | _ | _ | | ـ | - | 1 | <u> </u> |
| | 100 | <u>ļ</u> | | | 1_ | | L | <u>L</u> | L | | _ | | 150 | <u> </u> | <u> </u> | L_ | L | 1 | L | L | <u></u> | Ц_ |
| | | * | | | | | | | | | | | | | | | | | | | | |